# TRANSIT CONNECT
# WHAT'S NEW



- Deleted Taxi Package (86T)
- The 2.5L Gas Engine and 6-Speed Transmission (997/446) with the CNG/LPG Engine Prep Package (98G) are now optional
- Ford Telematics™ and Data Services Prep available to fleets with the standard FordPass™ Connect / Telematics Modem

2
TRANSIT CONNECT

# TRANSIT CONNECT
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2021
MODEL YEAR


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**WARNING:**
During the product˙on and servicing of these vehicles, due care should be taken to avoid damaging of safety or emissions related systems such as the braking system, fuel lines, sensors, catalysts, etc. through contacting them while working on adjacent areas of the vehicle. Inadvertent damage can also occur due to adjacent welding/cutting operations, people standing near/on unprotected systems while performing other tasks.

# TRANSIT CONNECT
# INTRODUCTION



## Important Notices

The information described herein is believed to be correct at the time of publication, but accuracy cannot be guaranteed. Ford reserves the right to discontinue models or change specifications or designs at any time w ithout notice and w ithout incurring any obligation.

Representations regarding the compliance of any Ford-manufactured incomplete vehicle to any rule, regulation or standard issued pursuant to the National Traffic and Motor Vehicle Safety Act or the Canadian Motor Vehicle Safety Act are set forth only in the Incomplete Vehicle Manual (IVM) w hich accompanies each incomplete vehicle.

Regulations such as those issued by the Federal Highw ay Administration (FHA) or issued pursuant to the Occupational Safety and Health Act (OSHA), and/or state, provincial, and local law s and regulations may require installation of additional equipment for the particular use intended for the vehicle. It is the responsibility of the subsequent stage manufacturer or completed vehicle alterer and the vehicle purchaser to ascertain how the vehicle w ill ultimately be used, if FHA , OSHA or state provincial or local regulations apply and how the vehicle as completed w ill comply w ith those requirements. Nothing contained herein is to be construed as a representation that such equipment required for the particular use intended has been installed on the completed or incomplete vehicle.

## Reference Information

### Ford Truck Body Builder Advisory Service Publications

This document is an example of a program specific Body Builders Layout Book (BBLB) published by the Ford Truck Body Builder Advisory Service (BBAS) team. Each Ford Commercial Truck vehicle line has a similar document that aims to provide detailed information that may be of interest to a subsequent stage manufacturer or alterer.

The Ford Transit and Transit Connect also have a Body and Equipment Mounting Manual (BEMM), w hich is a comprehensive resource dedicated to body and equipment mounting information.

An additional source of program specific information are the “Vehicle Specification” documents available on the Ford BBAS w ebsite. Information typically found in these documents are: vehicle curb and accessory w eights, component descriptions, capacities, GAWRs, alternator output, pow ertrain output and gear ratios.

In addition to the program specific documents, there are several Ford BBLB documents that contain general best practices or information on specific subjects that span multiple vehicle lines. These include:

- General BBLB - contains Definitions, Design Recommendations and Vehicle Storage Guidelines.
- SEIC / PTO BBLB
- Snow Plow BBLB
- Pickup Box Removal BBLB

These publications are updated every model year and can be accessed via the w eb at https://fordbbas.com under the “Publications” tab. For BBLB and BEMM documents, expand the “Body Builder Layout Book” Section to view all available documents. For Vehicle Specifications, expand the “Vehicle Specifications” section. The w ebsite search function can be used to filter for specific content or vehicle line.

### Ford Truck Body Builder Advisory Service Bulletins

Occasionally, the Ford BBAS team w ill create a “Bulletin” to address a specific issue or distribute important information in a timely manner. These documents can be accessed via the w eb at https://fordbbas.com under the “Bulletins” tab. The w ebsite search function can be used to filter for specific content or vehicle line.

If applicable, information from each bulletin w ill be incorporated into the appropriate BBLB document the follow ing model year.

### Ford Truck Body Builder Advisory Service Contact

The Ford Truck Body Builder Advisory Service may be consulted if questions regarding the completion of Ford commercial vehicles are not adequately addressed in the documentation described above. For assistance call (877) 840-4338 or e-mail via the w eb at https://fordbbas.com under the “Contact Us” tab. Pleas e be as specific as possible w ith the request details to assure the most accurate and timely response.

### Ford Service Publications

Ford Service Technical Resources (including w iring diagrams, repair manuals and diagnostic tool support) are available by subscription via the Motorcraft w ebsite: w ww.motorcraftservice.com

The follow ing publications are examples of digital and printed manuals w hich are available from Helm Incorporated; call 1-800-782-4356 or contact Helm, Inc. at their w ebsite w ww.helminc.com:

- Ford Truck Shop Manuals
- Ford Tow ing Manuals
- Ford Wiring Diagrams

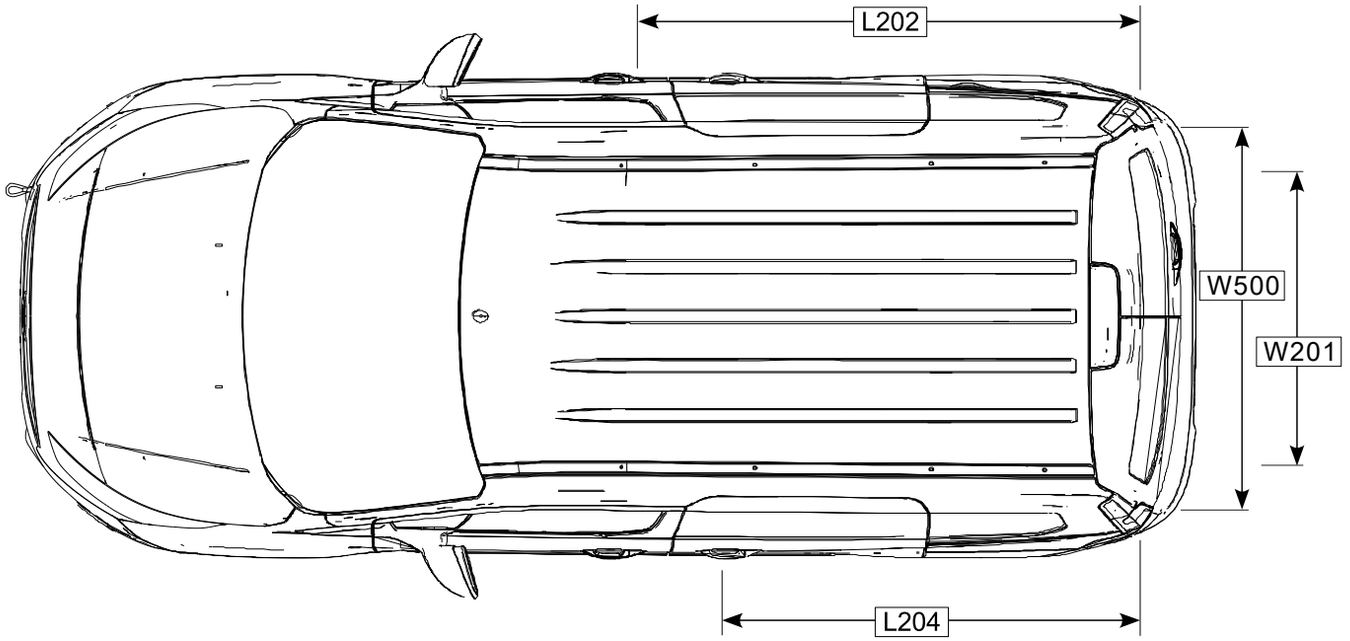
# TRANSIT CONNECT
# MODEL LINEUP

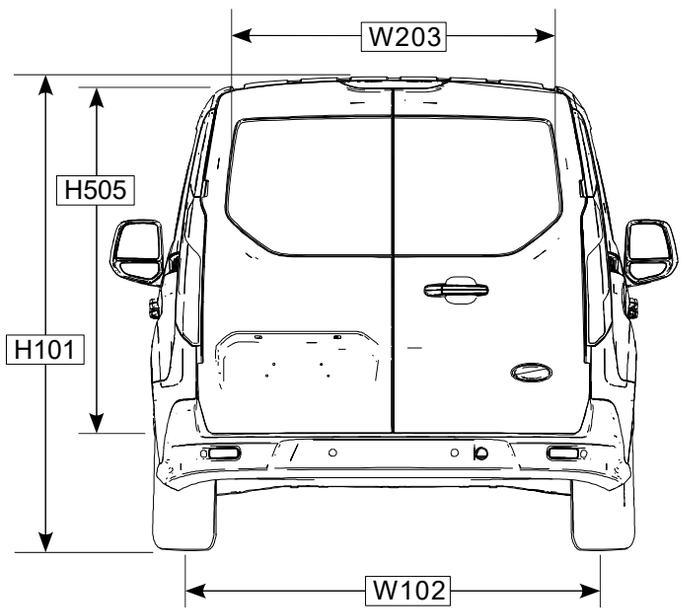


| Model | Wheelbase (in.) | Engine | Max. GVWR (lbs.) | Max. Payload (lbs.) (1) | ARC Weight (lbs.) (2) | Max GAWR (lbs.) | | Base Curb Weight (lbs.) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Front | Rear | Front | Rear | Total |
| SWB Van | 104.8 | 2.0L | 5130 | 1510 | TBD | 2700 | 2875 | 2124 | 1457 | 3581 |
| SWB Van (Fleet only) | 104.8 | 2.5L CNG | 5110 | 1480 | TBD | 2700 | 2875 | 2137 | 1453 | 3590 |
| LWB Van | 120.6 | 2.0L | 5302 | 1570 | TBD | 2700 | 2875 | 2204 | 1485 | 3689 |
| LWB Van (Fleet only) | 120.6 | 2.5L CNG | 5302 | 1560 | TBD | 2700 | 2875 | 2214 | 1484 | 3698 |
| LWB Wagon (Steel wheel) | 120.6 | 2.0L | 5302 | 1250 | TBD | 2700 | 2875 | 2285 | 1743 | 4028 |
| LWB Wagon (Aluminum wheel) | 120.6 | 2.0L | 5420 | 1380 | TBD | 2802 | 2875 | 2280 | 1739 | 4019 |
| LWB Wagon (Fleet only) (Steel wheel) | 120.6 | 2.5L CNG | 5302 | 1250 | TBD | 2700 | 2875 | 2282 | 1747 | 4029 |
| LWB Wagon (Fleet only) (Aluminum wheel) | 120.6 | 2.5L CNG | 5420 | 1380 | TBD | 2802 | 2875 | 2277 | 1742 | 4019 |

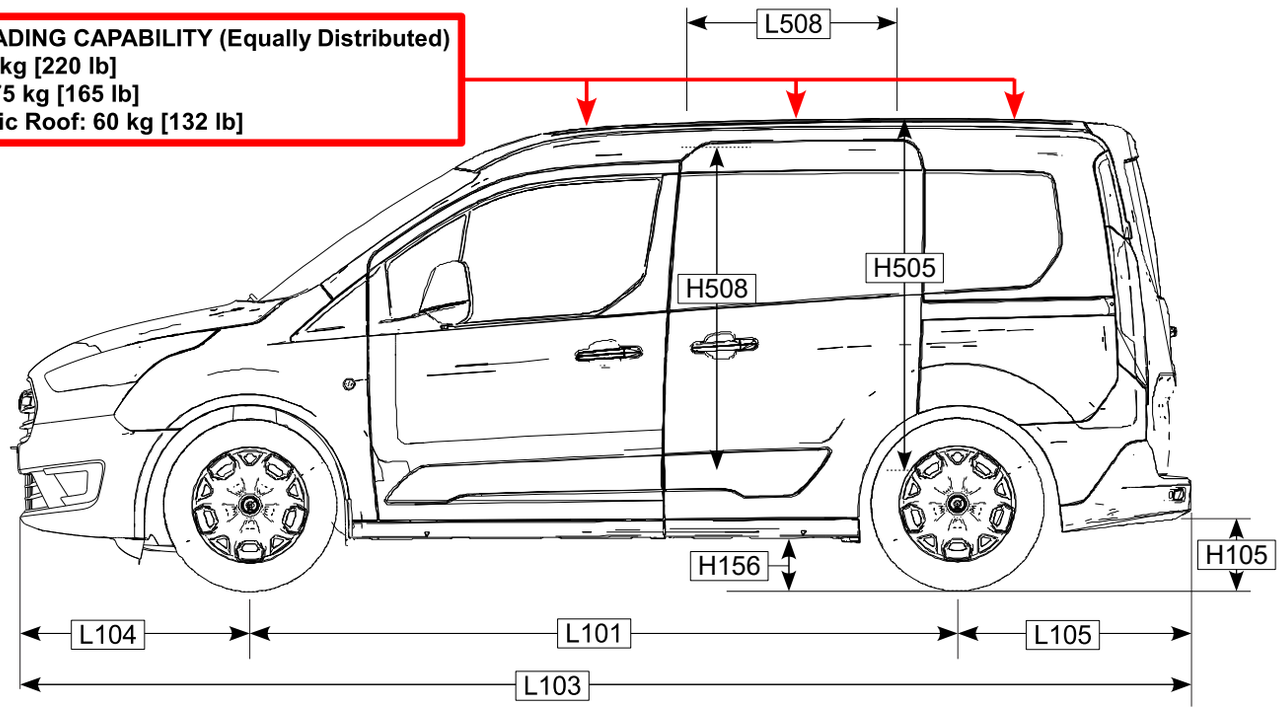
(1) Load rating represents maximum allowable weight of people, cargo and body equipment and is reduced by optional equipment weight.
(2) ARC aftermarket equipment Accessory Reserve Capacity for models with standard equipment.

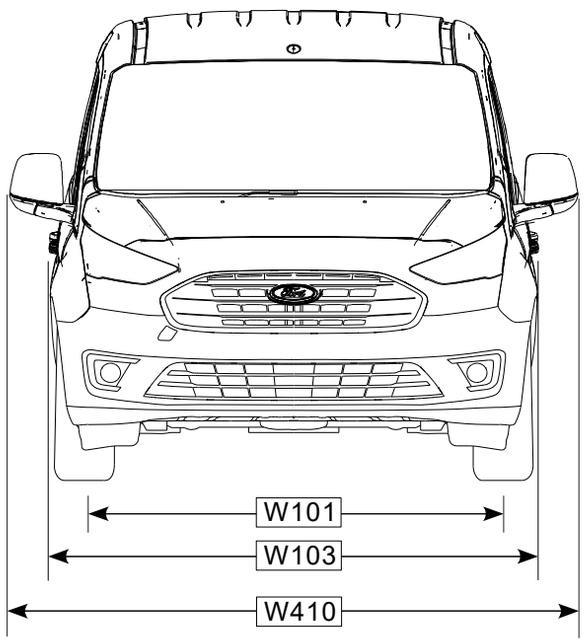
# TRANSIT CONNECT
# DIMENSIONAL DATA
# VAN & WAGON SHORT WB




**ROOF LOADING CAPABILITY (Equally Distributed)**
**Van: 100 kg [220 lb]**
**Wagon: 75 kg [165 lb]**
**Panoramic Roof: 60 kg [132 lb]**

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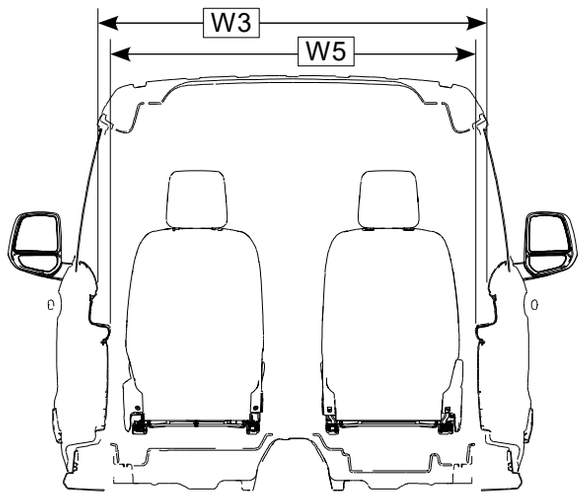
# TRANSIT CONNECT
# DIMENSIONAL DATA (Cont'd)
# VAN SHORT WB



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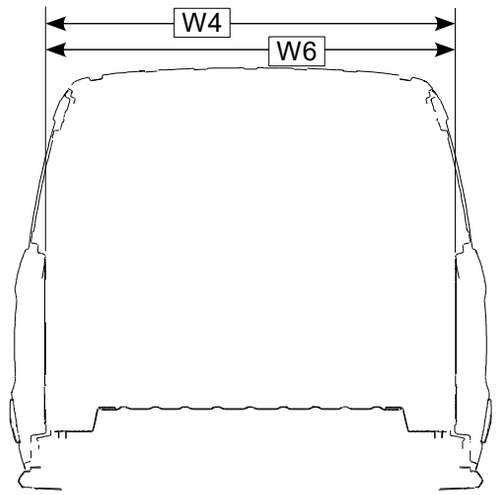


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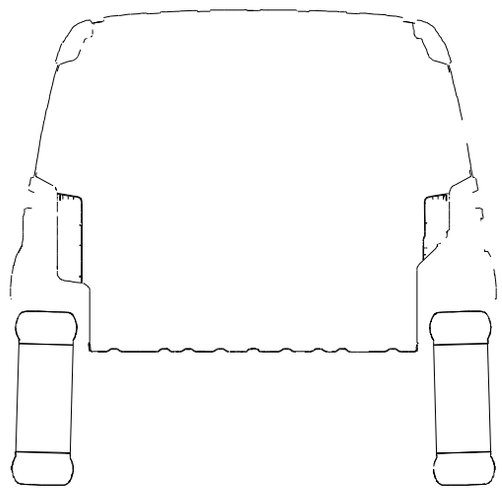

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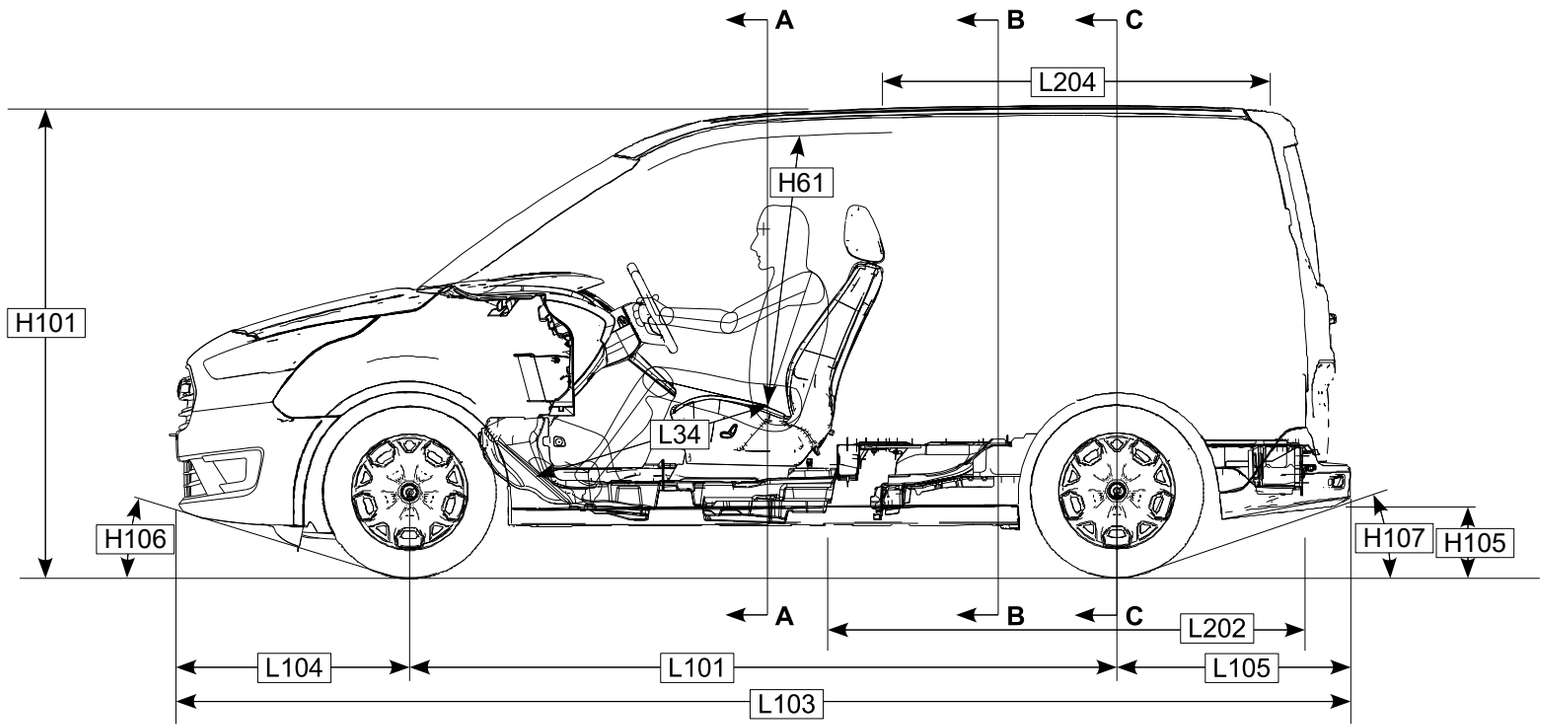


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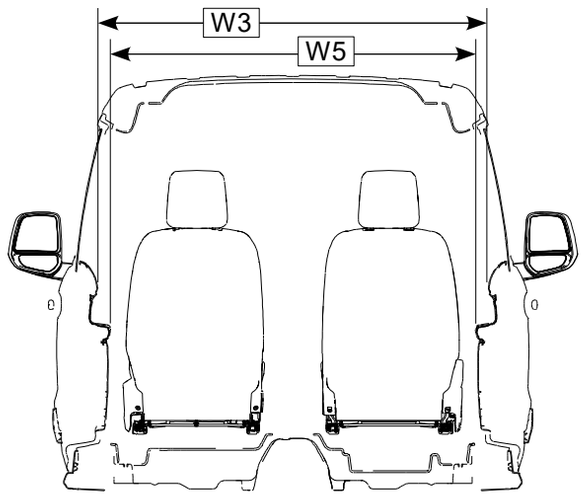
# Body Builders Layout Book

## TRANSIT CONNECT
## DIMENSIONAL DATA (Cont'd)
## WAGON SHORT WB



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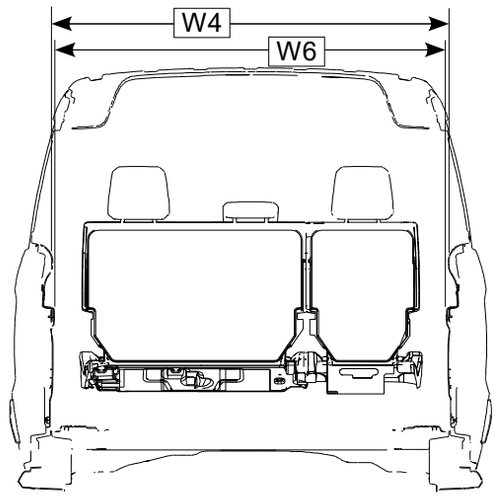


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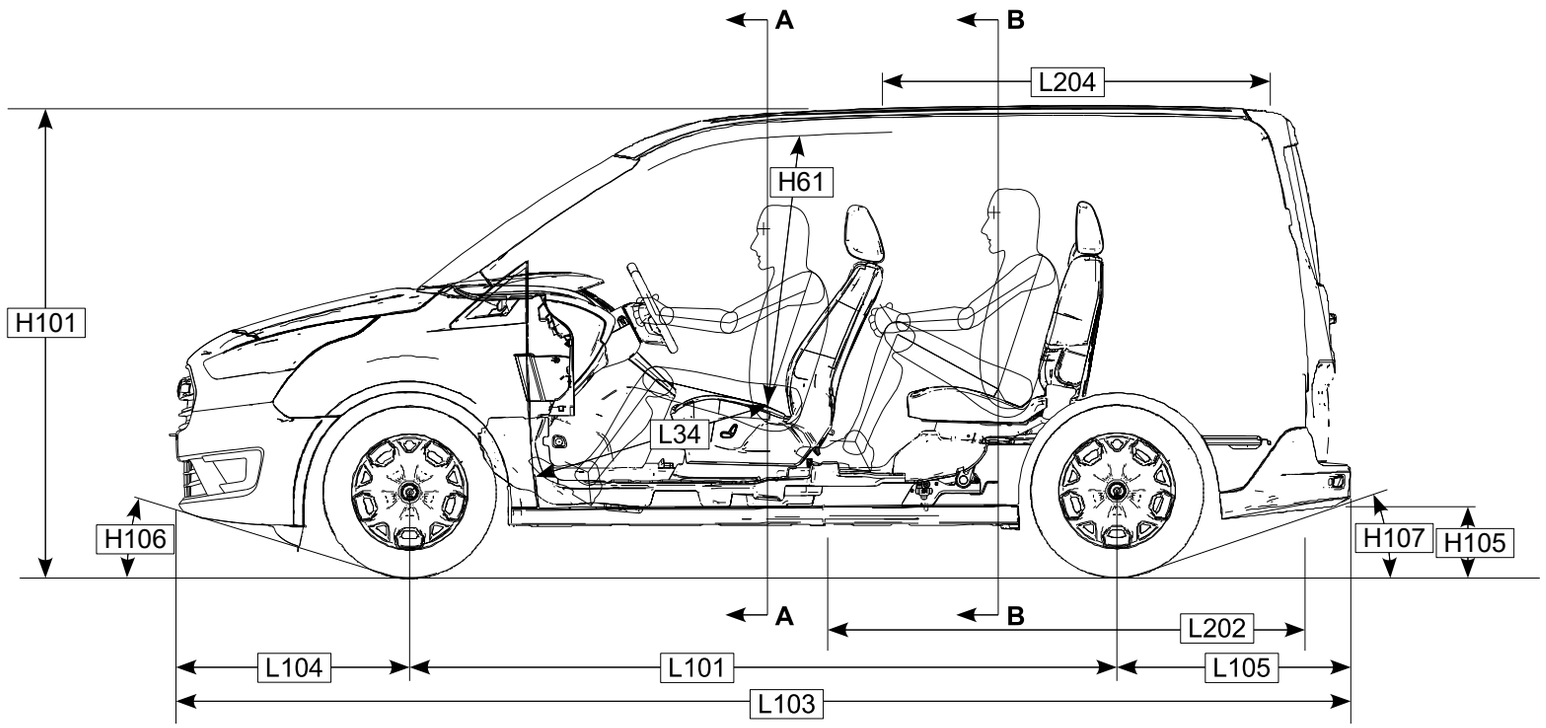


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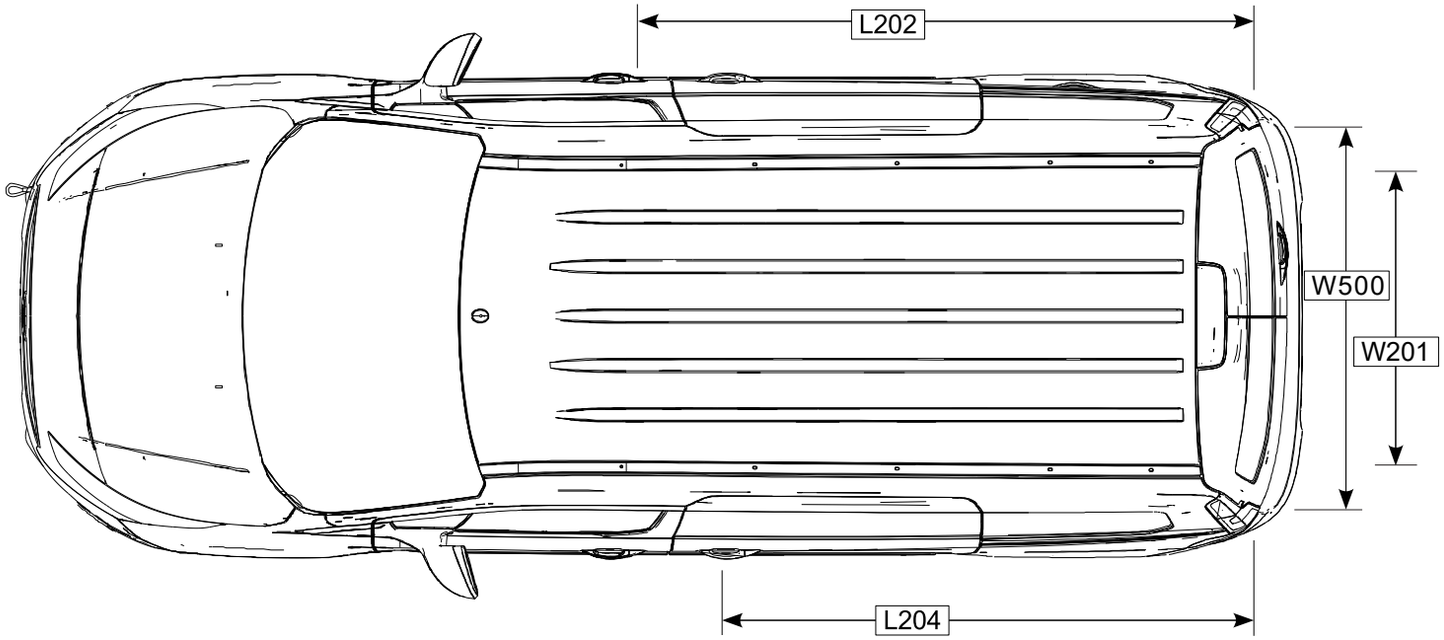
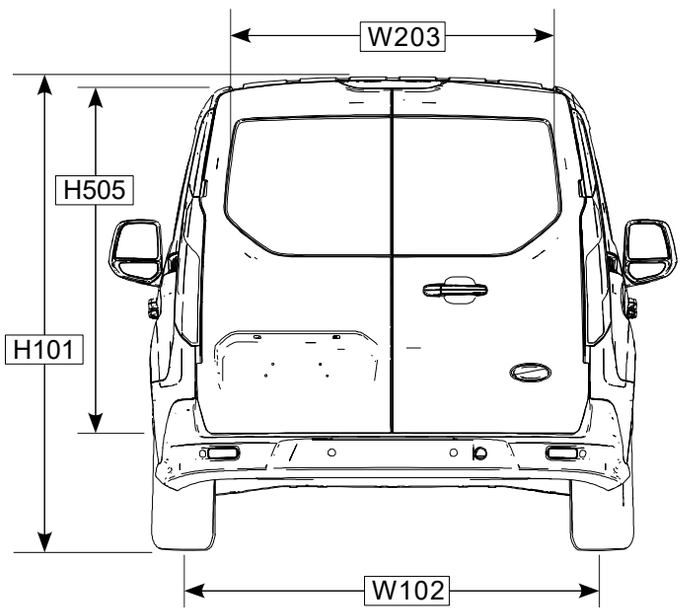
# VAN & WAGON LONG WB



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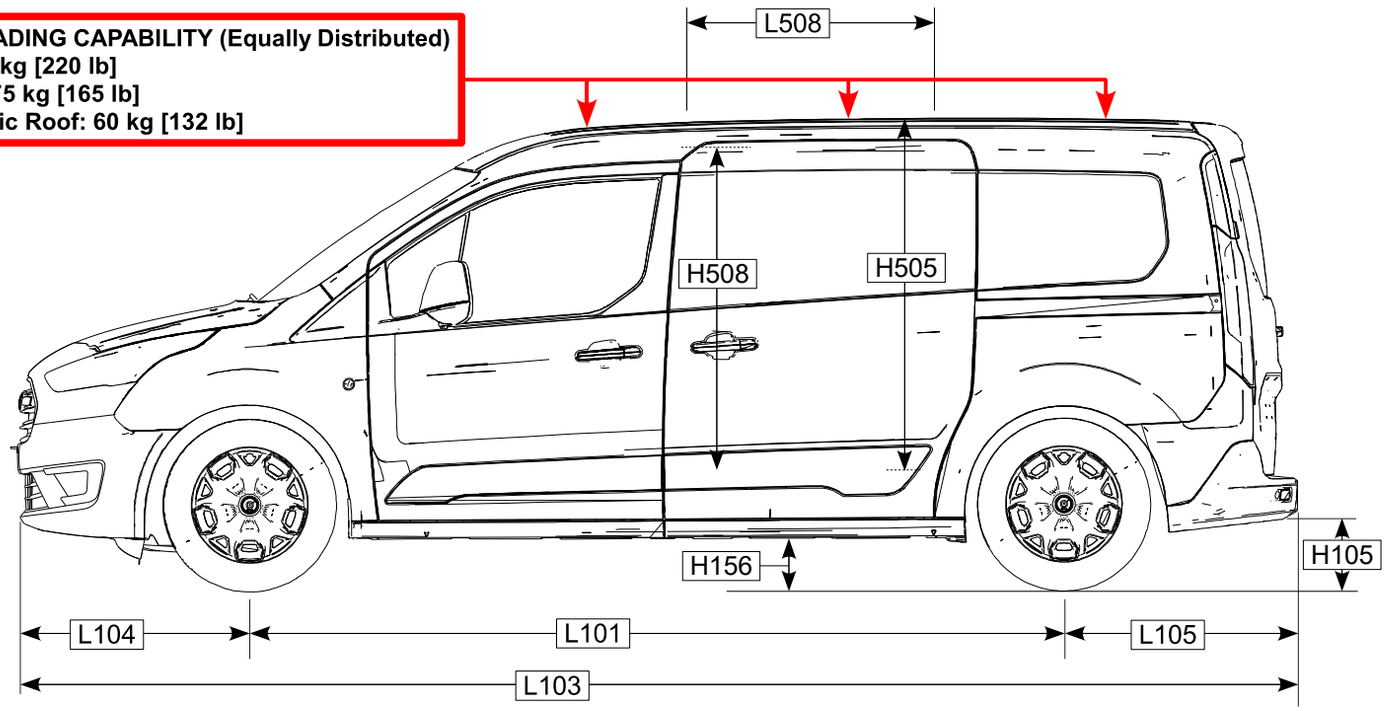


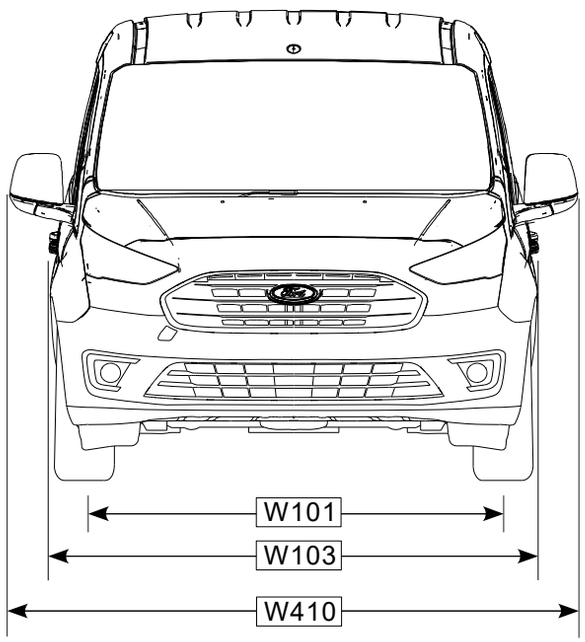


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# TRANSIT CONNECT
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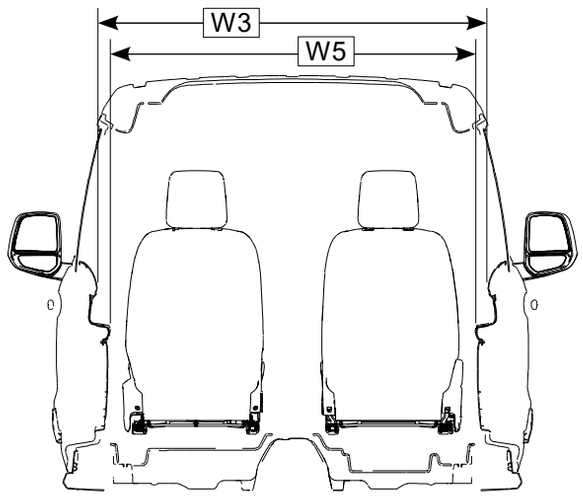
# VAN LONG WB



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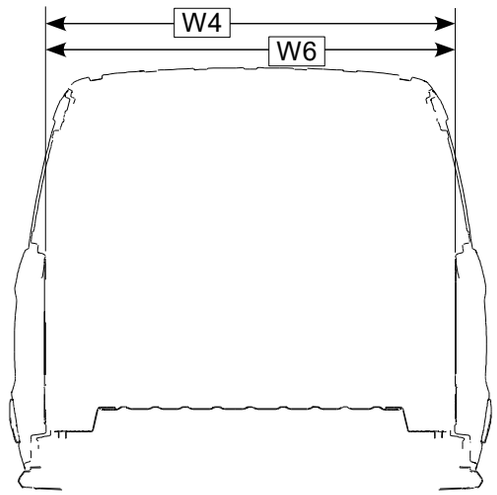


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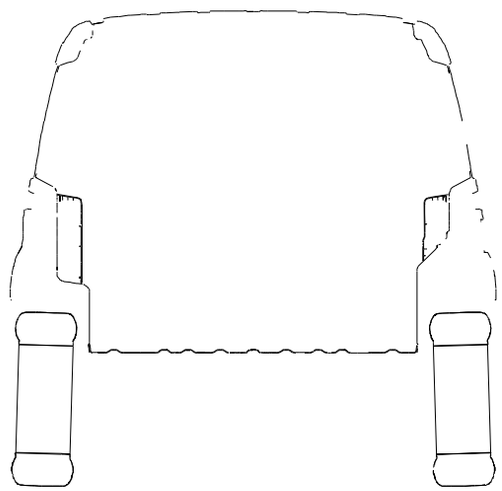

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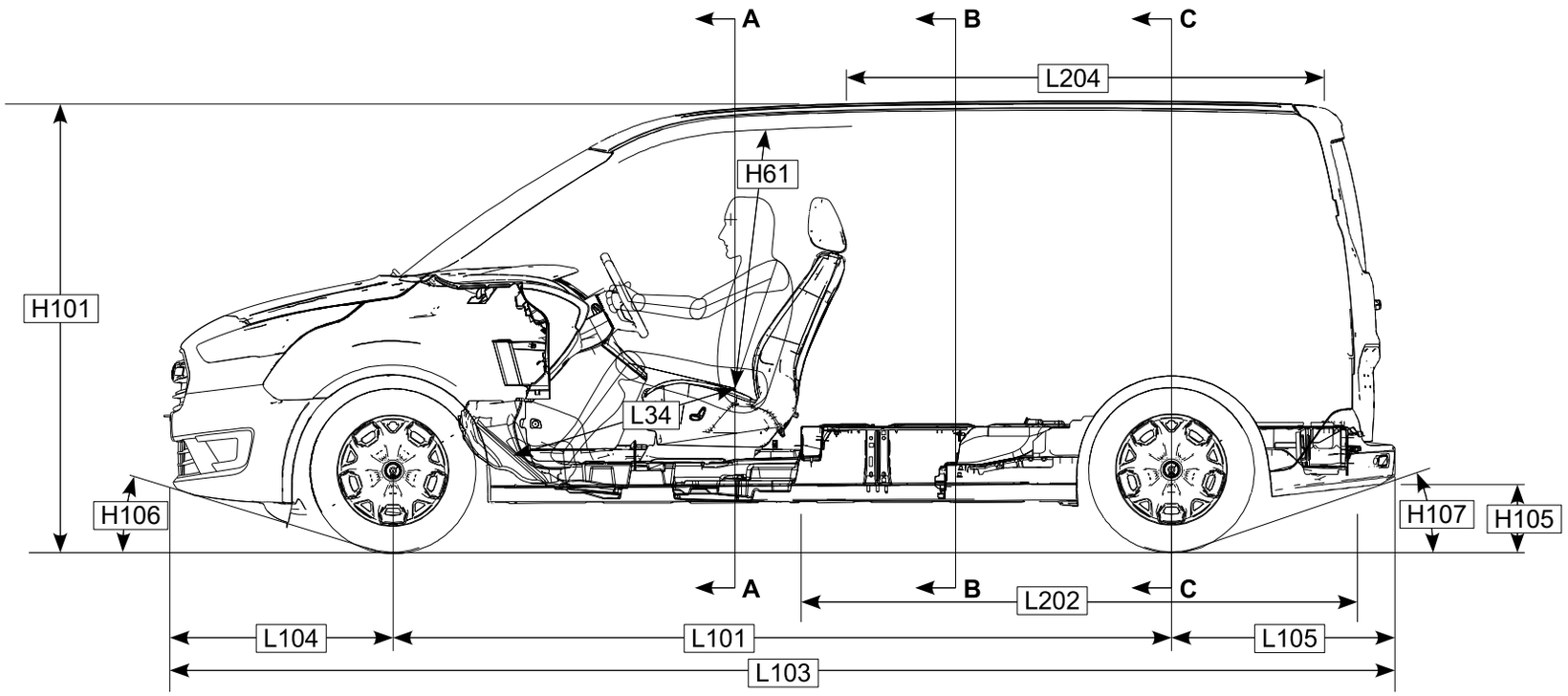


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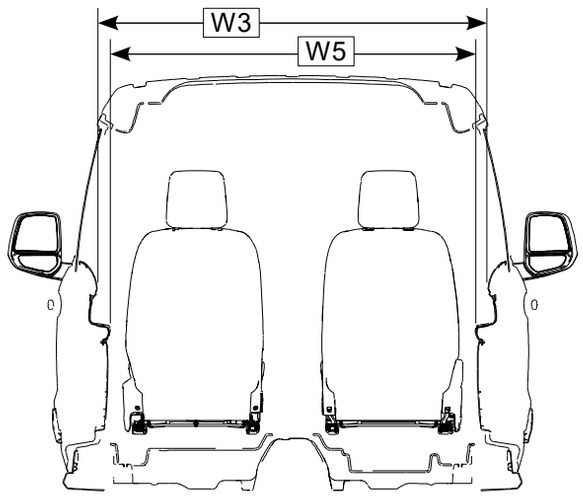
# TRANSIT CONNECT
# DIMENSIONAL DATA (Cont'd)
# WAGON LONG WB



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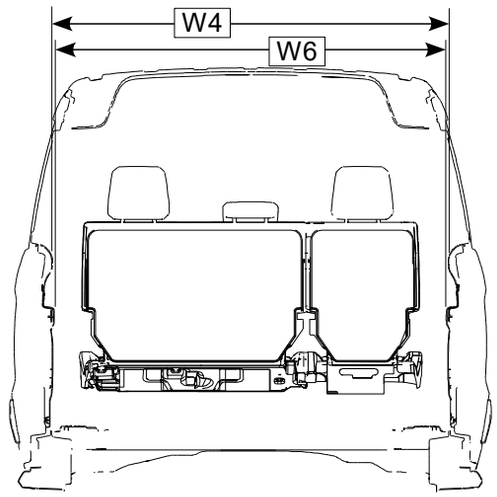


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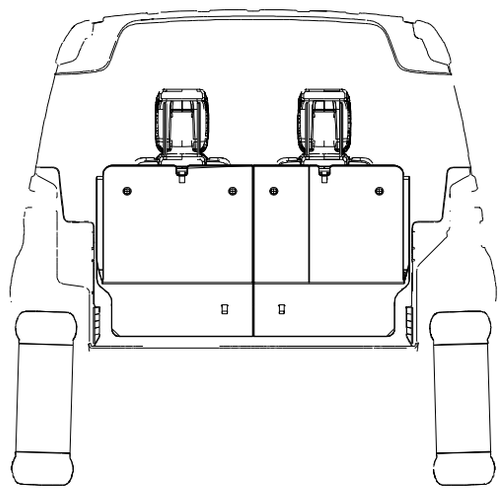

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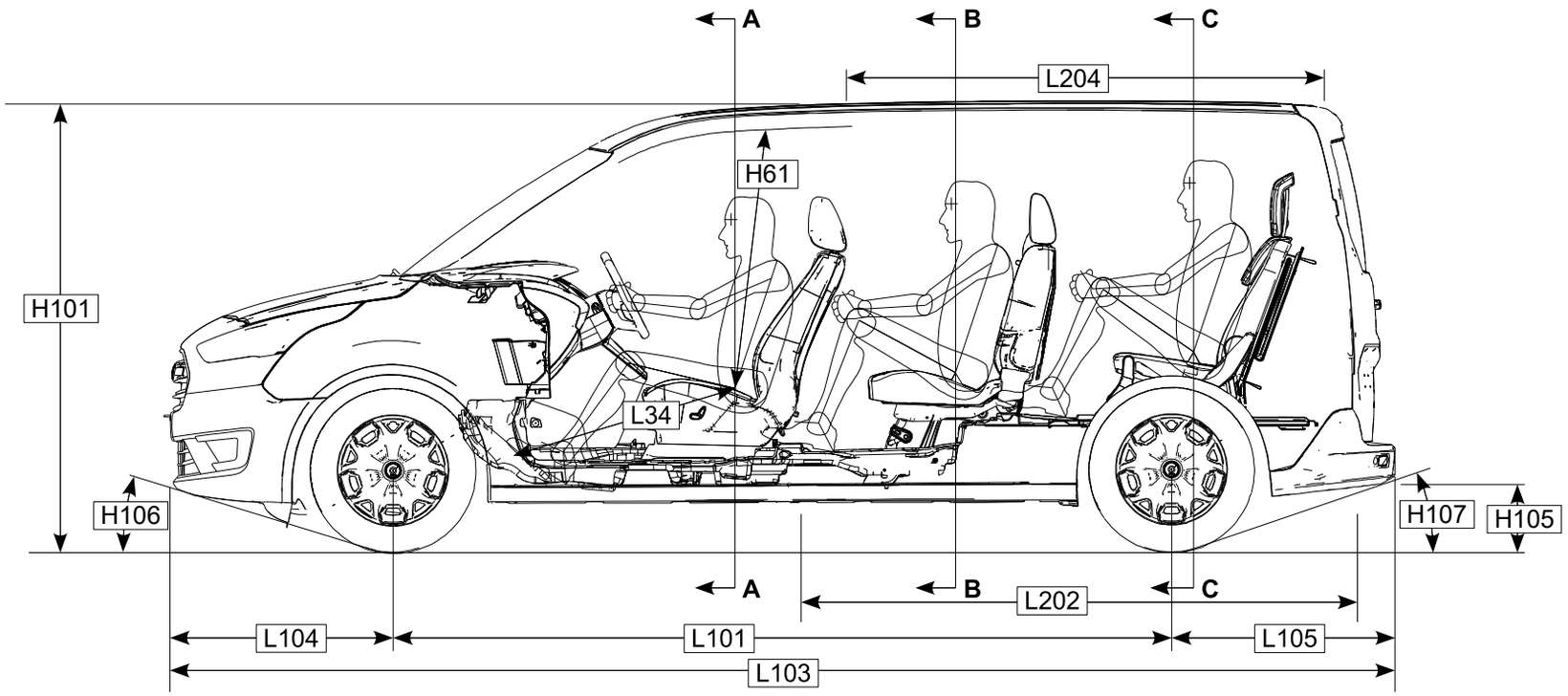


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# TRANSIT CONNECT
# DIMENSIONAL DATA (Cont'd)
# VAN & WAGON



| | 2014 Transit Connect | SWB WAGON 5 SEATER | LWB WAGON 7 SEATER | SWB VAN | LWB VAN | | SWB WAGON 5 SEATER | LWB WAGON 7 SEATER | SWB VAN | LWB VAN |
|---|---|---|---|---|---|---|---|---|---|---|
| **Dim Code** | **Exterior** | English Unit (in) | English Unit (in) | English Unit (in) | English Unit (in) | | Metric Unit (mm) | Metric Unit (mm) | Metric Unit (mm) | Metric Unit (mm) |
| L101 | Wheelbase [in] | 104.80 | 120.55 | 104.80 | 120.55 | | 2662 | 3062 | 2662 | 3062 |
| L103 | Length [in] | 173.94 | 189.69 | 173.94 | 189.69 | | 4418 | 4818 | 4418 | 4818 |
| H101C-Ford | Height [in] | 72.60 | 71.97 | 72.48 | 72.76 | | 1844 | 1828 | 1841 | 1848 |
| W103 | Width - Excluding Mirrors [in] | 72.24 | 72.24 | 72.24 | 72.24 | | 1835 | 1835 | 1835 | 1835 |
| W410 | Width - Including Mirrors [in] | 84.13 | 84.13 | 84.13 | 84.13 | | 2137 | 2137 | 2137 | 2137 |
| W411 | Width - Mirrors Folded [in] | 77.40 | 77.40 | 77.40 | 77.40 | | 1966 | 1966 | 1966 | 1966 |
| W101C-Ford | Front Track [in] | 61.38 | 61.38 | 61.38 | 61.38 | | 1559 | 1559 | 1559 | 1559 |
| W102C-Ford | Rear Track [in] | 61.73 | 61.73 | 61.73 | 61.73 | | 1568 | 1568 | 1568 | 1568 |
| L104 | Front Overhang [in] | 34.57 | 34.57 | 34.57 | 34.57 | | 878 | **878** | 878 | 878 |
| L105 | Rear Overhang [in] | 34.57 | 34.57 | 34.57 | 34.57 | | 878 | 878 | 878 | 878 |
| H196 | Load Height (Curb) [in] | 23.46 | 22.72 | 23.43 | 23.66 | | 596 | 577 | 595 | 601 |
| H508 | Side Cargo Door Opening Height [in] | 44.92 | 44.92 | 48.35 | 48.35 | | 1141 | 1141 | 1228 | 1228 |
| L508 | Side Cargo Door Opening Width [in] | 24.09 | 33.03 | 24.09 | 33.03 | | 612 | 839 | 612 | 839 |
| H202 | Rear Cargo Door Opening Height [in] | 45.12 | 45.12 | 43.98 | 43.98 | | 1146 | 1146 | 1117 | 1117 |
| W203 | Rear Cargo Door Opening Width [in] | 46.97 | 46.97 | 49.25 | 49.25 | | 1193 | 1193 | 1251 | 1251 |
| | **Interior** | English Unit (in) | English Unit (in) | English Unit (in) | English Unit (in) | | Metric Unit (mm) | Metric Unit (mm) | Metric Unit (mm) | Metric Unit (mm) |
| H61 | Head Room - First Row [in] | 46.85 | 46.85 | 46.85 | 46.85 | | 1190 | 1190 | 1190 | 1190 |
| L33 | Maximum Leg Room - First Row [in] | 41.54 | 41.54 | 41.54 | 41.54 | | 1055 | 1055 | 1055 | 1055 |
| W5 | Hip Room - First Row [in] | 54.17 | 54.17 | 54.17 | 54.17 | | 1376 | 1376 | 1376 | 1376 |
| W3 | Shoulder Room - First Row [in] | 57.68 | 57.68 | 57.68 | 57.68 | | 1465 | 1465 | 1465 | 1465 |
| H63 | Head Room - Second Row [in] | 45.12 | 45.12 | NA | NA | | 1146 | 1146 | NA | NA |
| L51 | Leg Room - Second Row [in] | 37.64 | 37.64 | NA | NA | | 956 | 956 | NA | NA |
| W6 | Hip Room - Second Row [in] | 58.27 | 58.23 | NA | NA | | 1480 | 1479 | NA | NA |
| W4 | Shoulder Room - Second Row [in] | 58.46 | 58.46 | NA | NA | | 1485 | 1485 | NA | NA |
| H86 | Head Room - Third Row [in] | NA | 41.34 | NA | NA | | NA | 1050 | NA | NA |
| L86 | Leg Room - Third Row [in] | NA | 34.96 | NA | NA | | NA | 888 | NA | NA |
| W86 | Hip Room - Third Row [in] | NA | 46.97 | NA | NA | | NA | 1193 | NA | NA |
| W85 | Shoulder Room - Third Row [in] | NA | 56.30 | NA | NA | | NA | 1430 | NA | NA |
| L202 | Cargo Length Front (at Floor) [in] | 70.87 | 85.79 | 71.54 | 87.28 | | 1800 | 2179 | 1817 | 2217 |
| L204 | Cargo Length Front (at Belt) [in] | 60.94 | 76.65 | 61.34 | 77.09 | | 1548 | 1947 | 1558 | 1958 |
| L512-Modified | Cargo Length with Front Passenger Seat Folded (Van Only) [in] | NA | NA | 101.14 | 116.89 | | NA | NA | 2569 | 2969 |
| W201 | Cargo Width Between Wheelhouse [in] | 46.95 | 46.95 | 48.27 | 48.27 | | 1193 | 1193 | 1226 | 1226 |
| H505 | Cargo Height Maximum [in] | 49.00 | 42.20 | 49.69 | 49.72 | | 1245 | 1072 | 1262 | 1263 |
| | **Capacities** | English Unit (cu ft) | English Unit (cu ft) | English Unit (cu ft) | English Unit (cu ft) | | Metric Unit (liters) | Metric Unit (liters) | Metric Unit (liters) | Metric Unit (liters) |
| V1SCF+V2SCF+ V3SCF (if app) | Passenger Volume [cu. ft.] | 120.68 | 165.96 | 63.23 | 63.23 | | 3417 | 4699 | 1790 | 1790 |
| V6 | Cargo Volume Behind First Row [cu. ft.] (with 2nd row seat folded) | 77.06 | 104.25 | NA | NA | | 2182 | 2952 | NA | NA |
| V7 | Cargo Volume Behind Second Row [cu. ft.] | 46.85 | 58.93 | NA | NA | | 1327 | 1669 | NA | NA |
| V9 | Cargo Volume Behind Third Row [cu. ft.] (with 3rd row seat in design position) | NA | 15.89 | NA | NA | | NA | 450.0 | NA | NA |
| V9 | Cargo Volume Behind Third Row [cu. ft.] (with 3rd row seat moved to most forward position) | NA | 19.78 | NA | NA | | NA | 560.0 | NA | NA |
| V6 | Cargo Volume Behind First Row [cu. ft.] (Van Only; no 2nd or 3rd row seat) | NA | NA | 103.94 | 128.66 | | NA | NA | 2640 | 3268 |
| V14 | Maximum Cargo Volume with Front Passenger Seat Folded (Van Only; without bulkhead) | NA | NA | 124.36 | 149.08 | | NA | NA | 3159 | 3787 |

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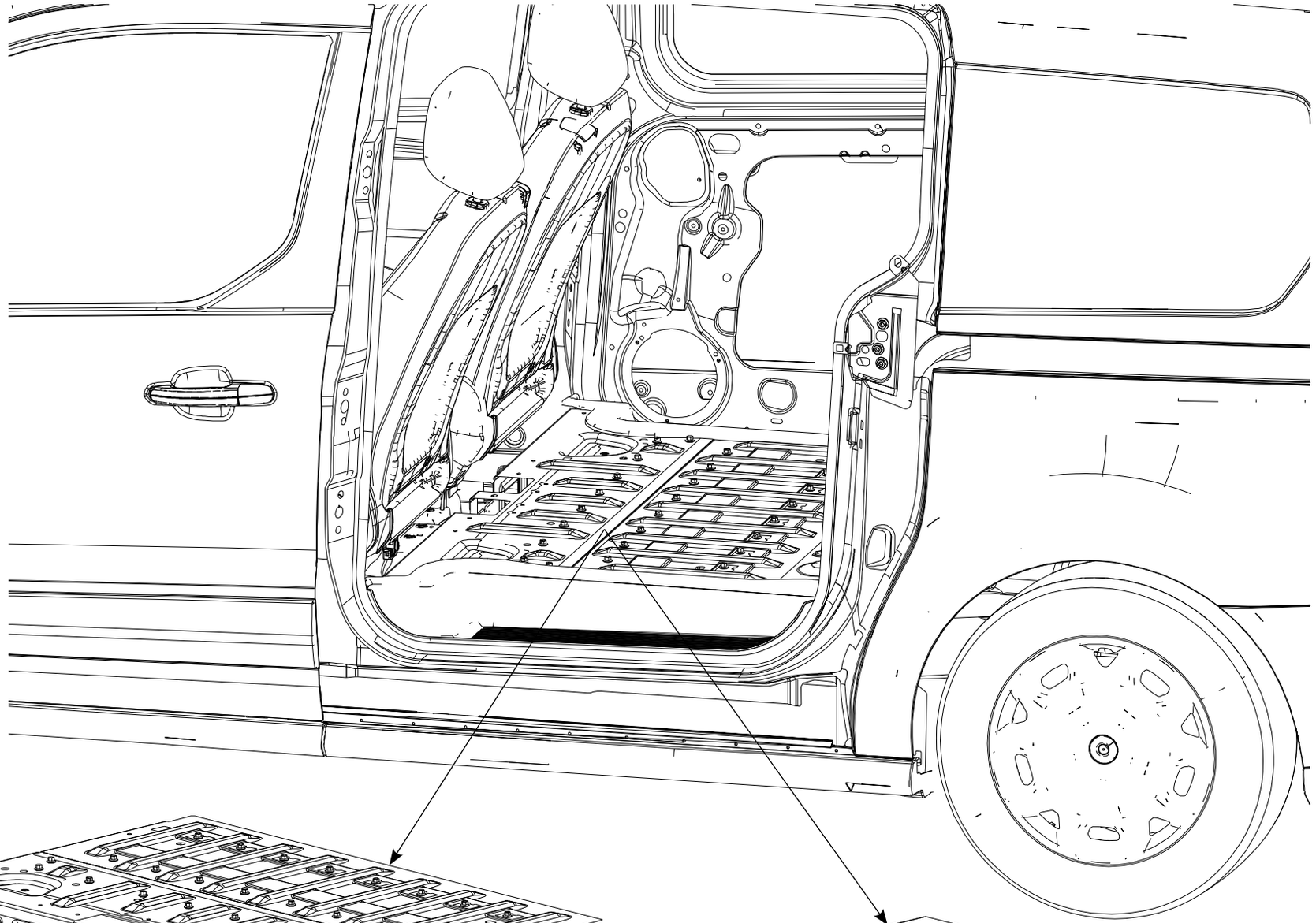
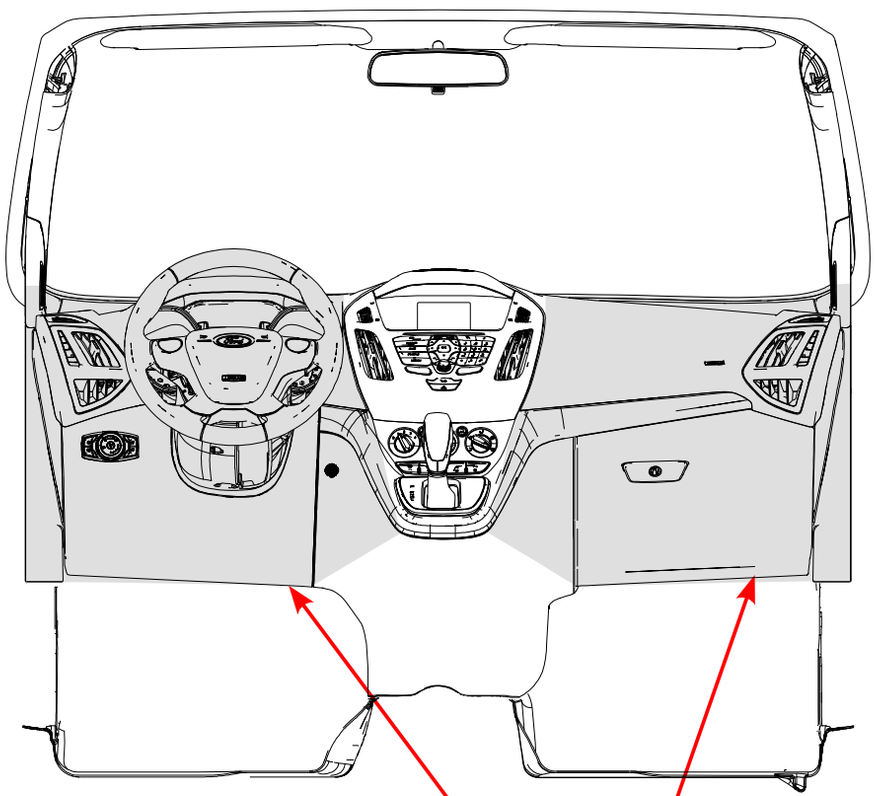
# TRANSIT CONNECT
# VAN FLOOR EXTENSION



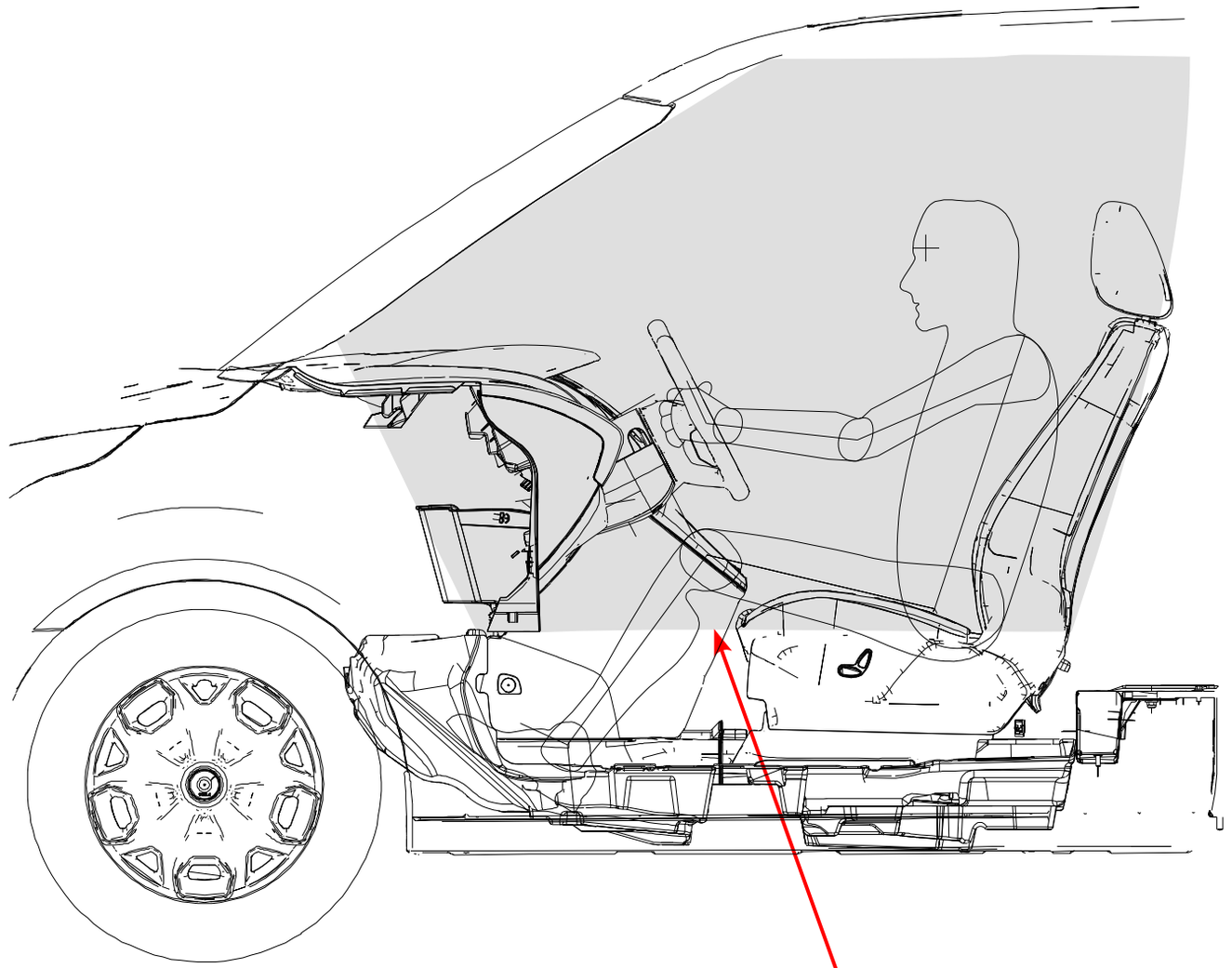


# TRANSIT CONNECT
# AIRBAG PROTECTION ZONES





REAR VIEW – DRIVER AND PASSENGER

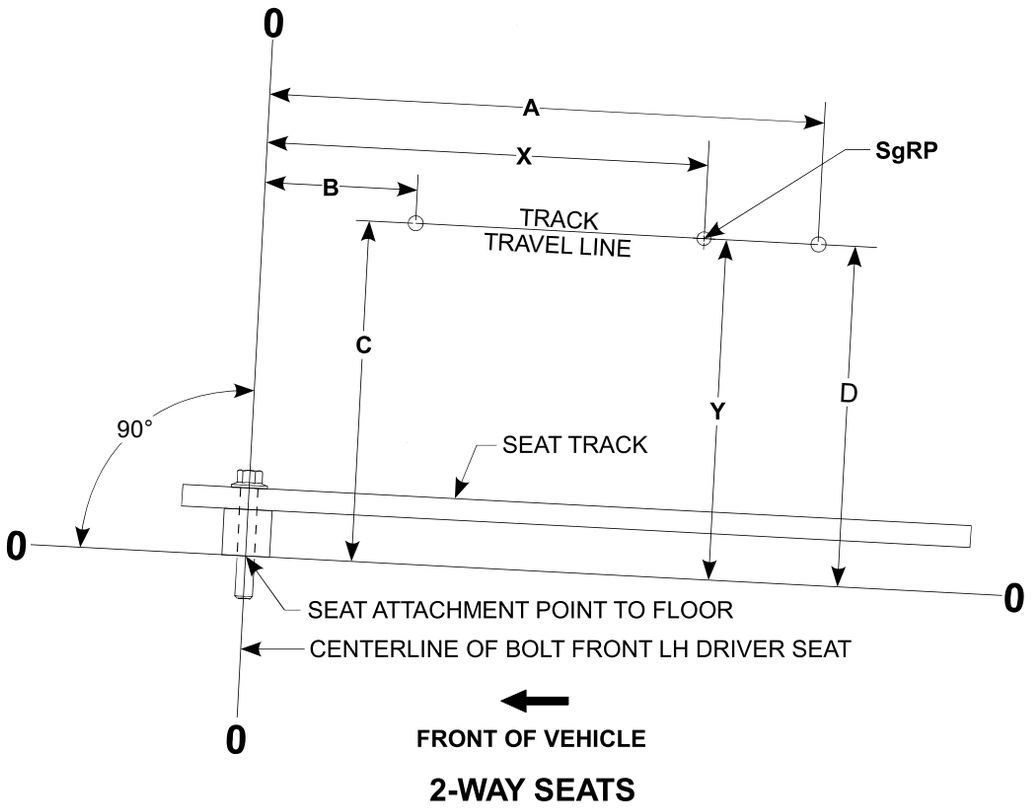


SIDE VIEW – DRIVER AND PASSENGER

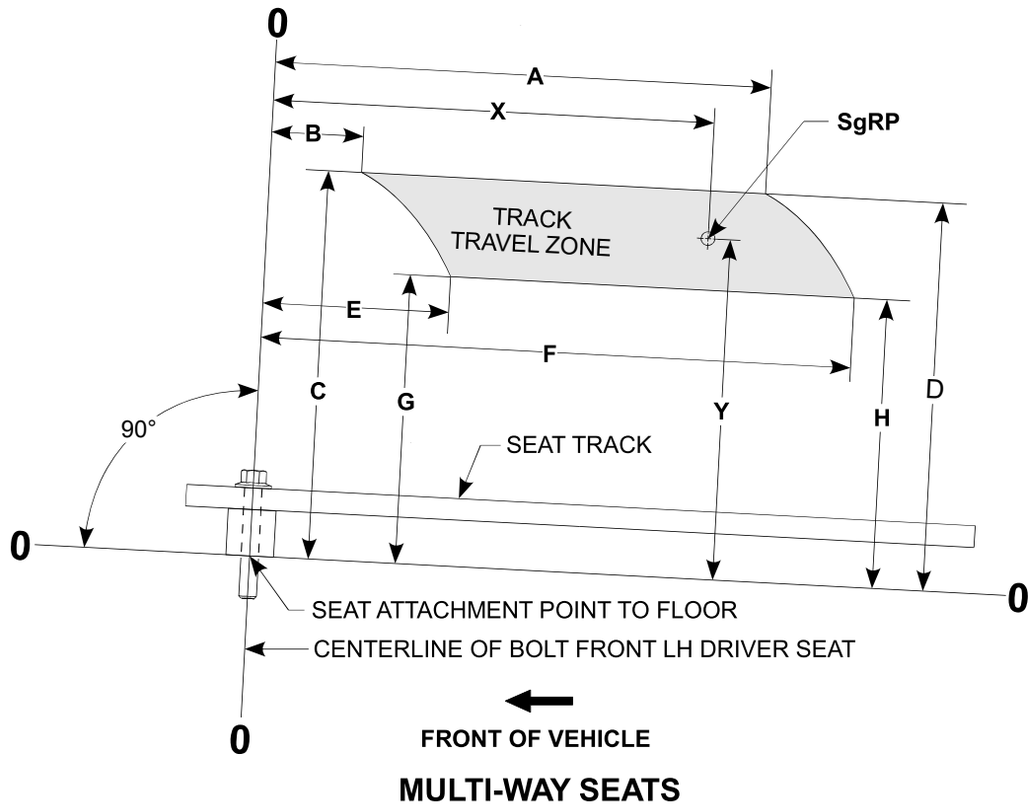
**DO NOT INSTALL ADDITIONAL COMPONENTS IN THE SHADED AREAS, NOR ALTER OR MODIFY THESE AREAS**

# TRANSIT CONNECT
# SEATING REFERENCE POINT (SgRP)






2-WAY SEATS




MULTI-WAY SEATS

**SEAT DIMENSIONS**

| Seat Type | A | B | C | D | E | F | G | H | SGRP X | SGRP Y | Forward Travel | Rearward Travel |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-Way | 355.35 [13.99] | 135.46 [5.33] | 331.65 [13.06] | 331.65 [13.06] | | | | | 335.27 [13.20] | 331.65 [13.06] | 200 [7.87] | 20 [0.79] |
| 4-Way Van | 314.94 [12.40] | 124.94 [4.92] | 358.74 [14.12] | 358.74 [14.12] | 196.45 [7.73] | 386.45 [15.21] | 303.74 [11.96] | 303.74 [11.96] | 335.27 [13.20] | 331.65 [13.06] | 160 [6.30] | 30 [1.18] |
| 4-Way Wagon | 334.94 [13.19] | 104.94 [4.13] | 358.74 [14.12] | 358.74 [14.12] | 176.45 [6.95] | 406.45 [16.00] | 303.74 [11.96] | 303.74 [11.96] | 335.27 [13.20] | 331.65 [13.06] | 180 [7.09] | 50 [1.97] |

**NOTE** — [ ] DIMENSIONS ARE INCHES.

# TRANSIT CONNECT CLIMATE CONTROL
# GREEN HOUSE GAS EVAPORATIVE EMISSIONS

Pursuant to California regulation 17 R S95663, the specific leakage for this vehicle (as built by the Ford Motor Company) is shown in the table below (see “J2727 Leakage Value” column). If the vehicle air conditioning system is modified in any way, or air conditioning systems are added, the intermediate or final-stage manufacturer must calculate the final system leakage. If desired, the spreadsheet used by Ford to calculate the J2727 Leakage is available and can be edited to reflect the modified system. Please contact Ford BBAS to request a copy of the vehicle line specific GHG Evaporative Emissions Worksheet: https://fordbbas.com

| MY | Vehicle Line | Features/ Models | Evaporator | Engine | Refrigerent | Charge Size of A/C System (kg) | J2727 Leakage Value (g/Yr) | Max Allowed Leakage (1) |
|---|---|---|---|---|---|---|---|---|
| 2021 | Transit Connect | All | Single | 2.0L GDI | R-1234yf | 0.625 | 7.5 | 10.4 |
| 2021 | Transit Connect | All | Dual | 2.0L GDI | R-1234yf | 0.825 | 7.9 | 10.4 |
| 2021 | Transit Connect | All | Single | 2.5L PFI | R-1234yf | 0.625 | 7.5 | 10.4 |
| 2021 | Transit Connect | All | Dual | 2.5L PFI | R-1234yf | 0.825 | 7.9 | 10.4 |
| 2021 | Transit Connect | All | Single | 1.5L Diesel | R-1234yf | 0.575 | 8.2 | 10.4 |
| 2021 | Transit Connect | All | Dual | 1.5L Diesel | R-1234yf | 0.8 | 8.6 | 10.4 |

(1) Values are for vehicles classified by the EPA as a “Truck”. Some Transit Connect Vehicles may be classified by the EPA as a “Car” allowed leakage for a “car” would be 8.3 g/yr.

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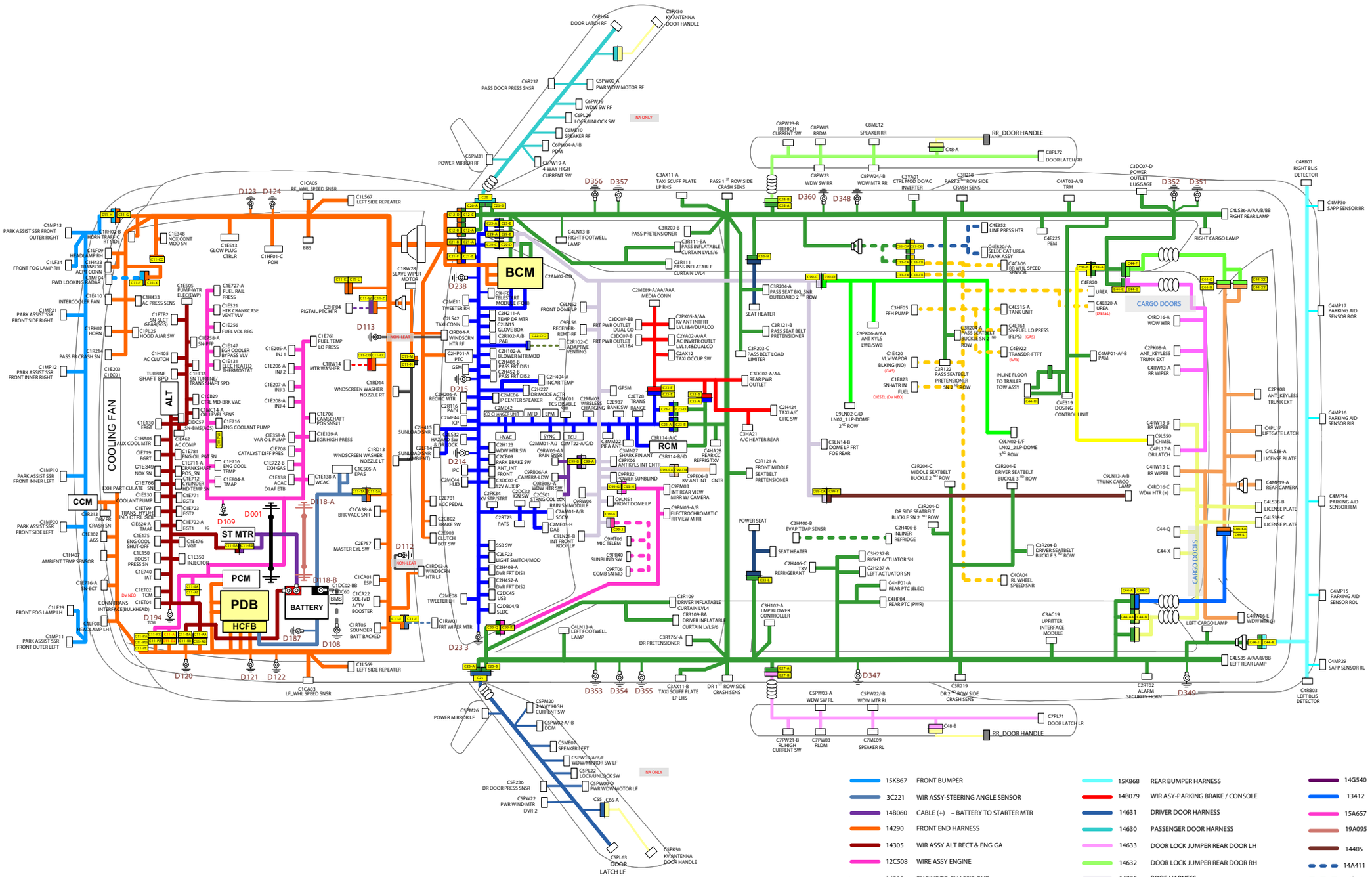
TRANSIT CONNECT

# TRANSIT CONNECT
# VEHICLE ARCHITECTURE LAYOUT - LHD

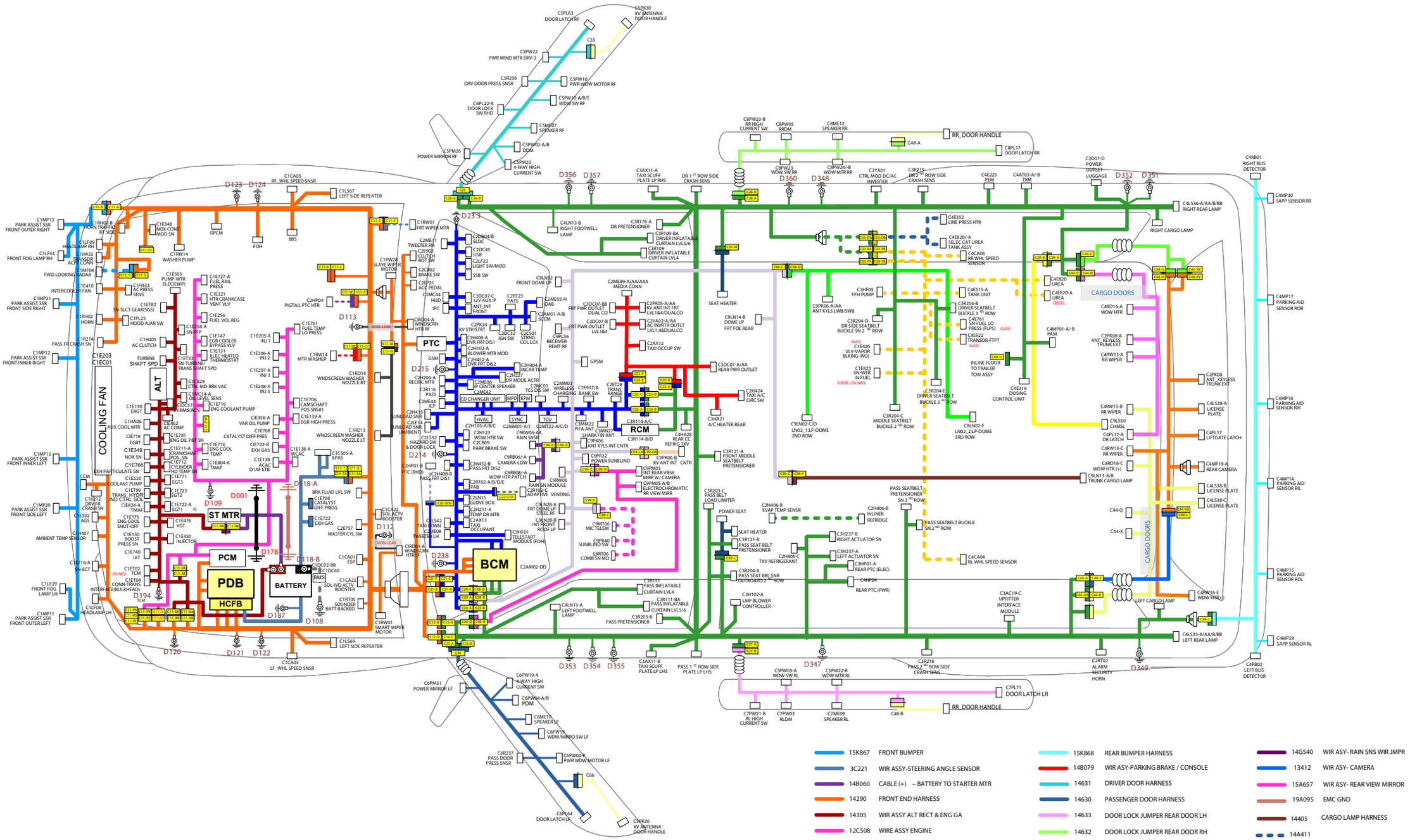
2021
MODEL YEAR



17
TRANSIT CONNECT

# TRANSIT CONNECT
# VEHICLE ARCHITECTURE LAYOUT - RHD

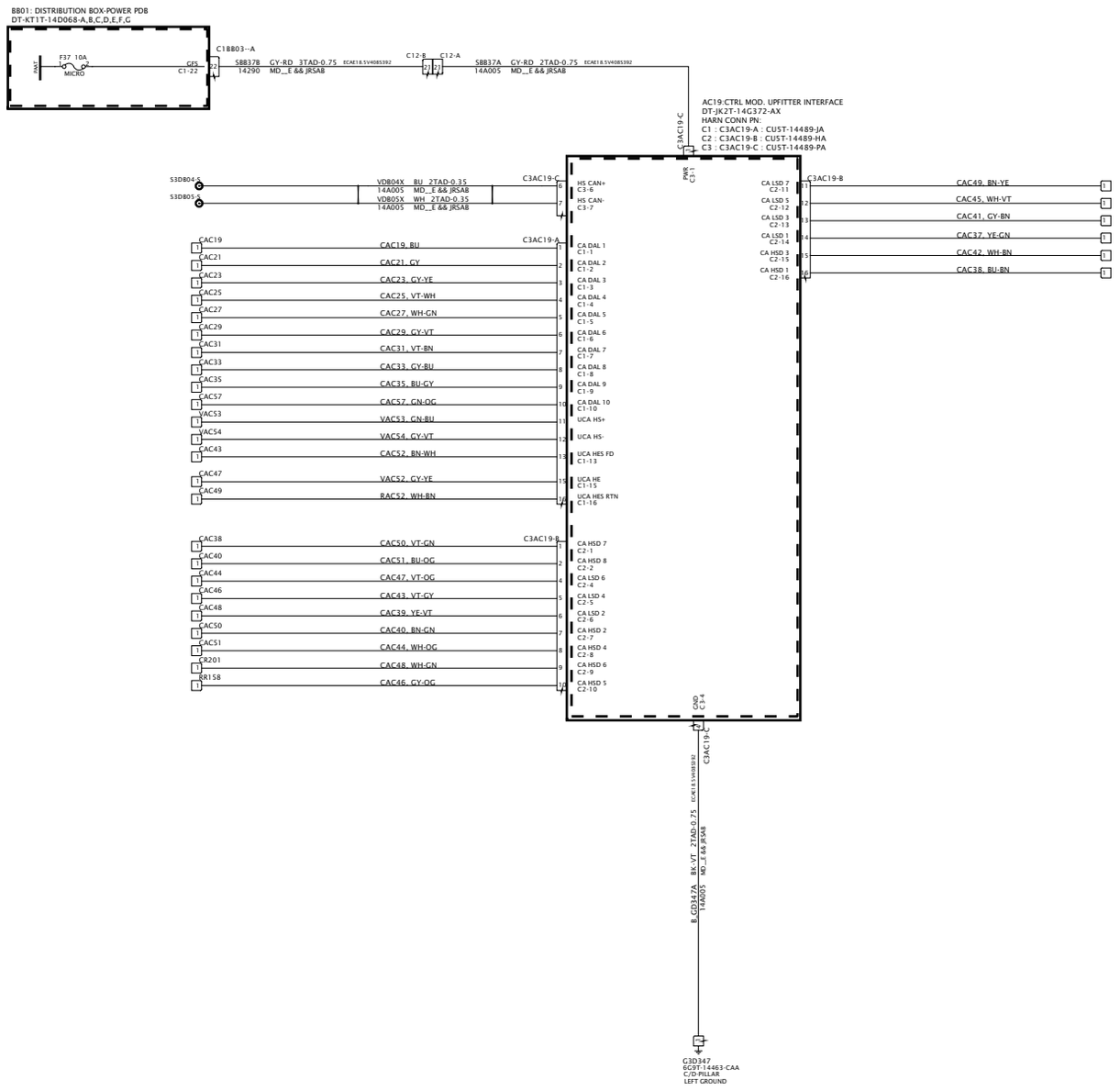
2021
MODEL YEAR




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 15K867 | FRONT BUMPER | 15K868 | REAR BUMPER HARNESS | 14G540 | WIR ASY- RAIN SNS WIR JMPR |
| 3C221 | WIR ASSY-STEERING ANGLE SENSOR | 14B079 | WIR ASY-PARKING BRAKE / CONSOLE | 13412 | WIR ASY- CAMERA |
| 14B060 | CABLE (+) – BATTERY TO STARTER MTR | 14631 | DRIVER DOOR HARNESS | 15A657 | WIR ASY- REAR VIEW MIRROR |
| 14290 | FRONT END HARNESS | 14630 | PASSENGER DOOR HARNESS | 19A095 | EMC GND |
| 14305 | WIR ASSY ALT RECT & ENG GA | 14633 | DOOR LOCK JUMPER REAR DOOR LH | 14405 | CARGO LAMP HARNESS |
| 12C508 | WIRE ASSY ENGINE | 14632 | DOOR LOCK JUMPER REAR DOOR RH | 14A411 | |
| 14300 | ENGINE TO CHASSIS GND | 14335 | ROOF HARNESS | 14C210 | |
| 14301 | WIR ASY-ENGINE TO TURRET GROUND | 14334 | WIR-ASY-DOME LAMP CONNECTION | 14B324 | |
| 14401 | WIRE ASSY MAIN | 13A409 | WIR-ASY-DOME LAMP CONNECTION | 14K042 | |
| 14A005 | WIRE ASSY FLOOR | 18C394 | | 14F662 | |
| 14406 | WIRING ASSEMBLY-FUEL TANK SENDER | 17N400 | | 13A444 | |
| | | | | 14A583 | |

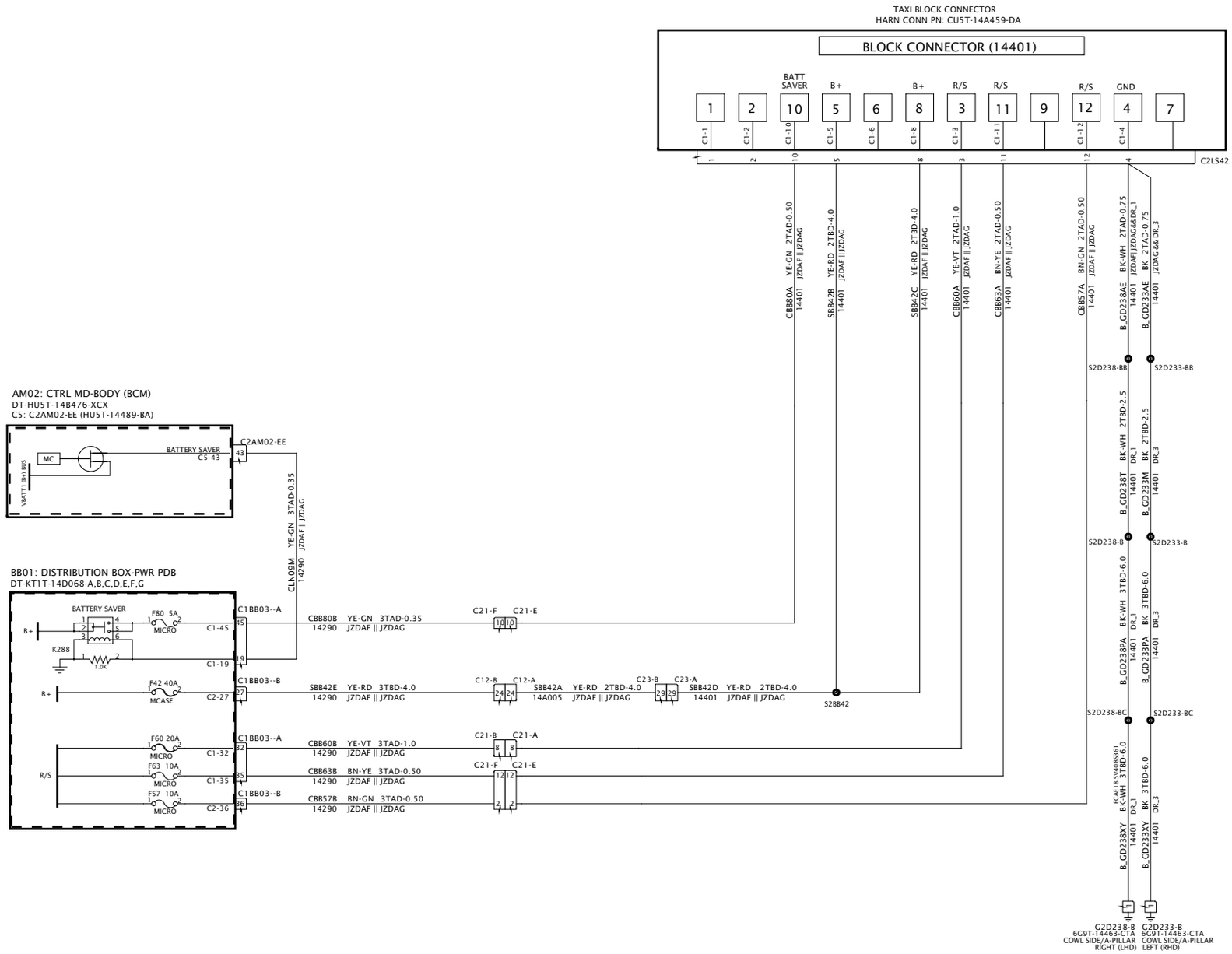
# TRANSIT CONNECT
# UPFITTER INTERFACE MODULE





# TRANSIT CONNECT
# UPFITTER BLOCK CONNECTOR





TRANSIT CONNECT

2021 MODEL YEAR

## CHANGE CONTROL INDEX

| LTRS | REVISIONS | | |
|---|---|---|---|
| ORIGINATOR | CHECKER | ENGR APP | MATL APP |
| | | | INITIAL RELEASE |
| CHMT14-000000-BBLB-AA-01-FNA-ECN/1 RELEASED | | | 20200528 |
| FTSI | RWAGNE43 | DATOVSKI | -- |